

## ANNUAL REPORT for FISCAL YEAR 2017/2018

The Malignant Hyperthermia Association of the United States (MHAUS)  
501(c) 3 Non-profit Organization – Tax ID # 06-1076301  
1 North Main Street, P. O. Box 1069, Sherburne, NY 13460 [www.mhaus.org](http://www.mhaus.org)  
Tel: 607-674-7901 Fax: 607-674-7910

MHAUS is dedicated to promote optimum care and scientific understanding of Malignant Hyperthermia, a serious and potentially life-threatening hypermetabolic skeletal muscle disorder that could manifest during surgery in genetically susceptible individuals, and other related disorders by improving medical care, providing patients with supportive MH information, improving research related to MH and other heat-related disorders.

**Patient safety remains our main concern.** To assist both healthcare professionals and patients reach a safe outcome from an MH or other heat-related event, or during emergent transfer from one facility to another, MHAUS supports a 24-hour MH Hotline available 365 days every year at **800-644-9737** throughout North America and 001-209-417-3722 elsewhere. The **North American MH Registry of MHAUS** is the arm of MHAUS that maintains a database of MH-susceptible patients' medical information in a confidential, de-identified electronic database. We also offer the **Neuroleptic Malignant Syndrome Information Service (NMSIS)**, a service of MHAUS designed for psychiatrists who may be dealing with neuroleptic malignant syndrome and need NMS data/clinical resources and access via the website to NMS experts who can help them work through their patient's case to attain the best outcome possible.

### Community Economic Impact during Fiscal Year Oct 1, 2017 – September 30, 2018

- Over \$313,000 in salary/benefits to four individuals
- Over \$98,000 in purchases made from Chenango area businesses and in the surrounding counties in New York State
- Over \$27,000 to maintain a cornerstone building in Sherburne, NY



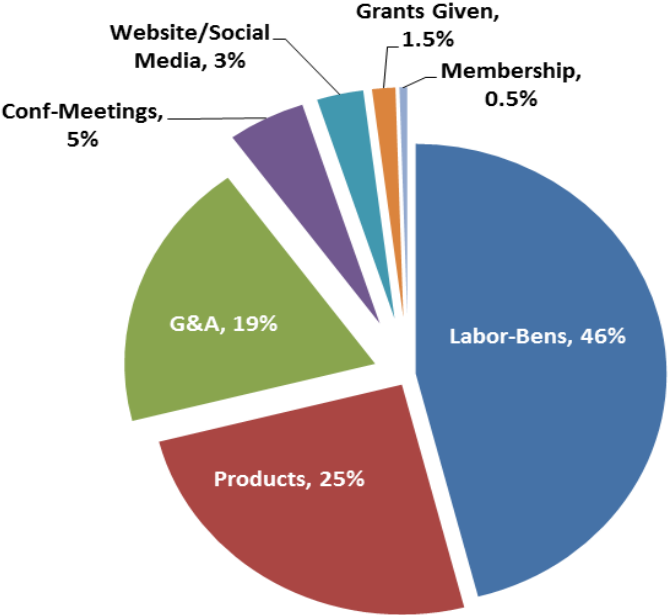
### Products/Programs/Services Offered

MHAUS provides educational products and programs to keep healthcare professionals aware of malignant hyperthermia's signs and symptoms to ensure they are prepared and regularly educate themselves on how to react quickly and efficiently in order to save lives. We produce reference material on malignant hyperthermia and related disorders, share the latest research results on heat-related disorders, and offer products designed for healthcare professionals to use when coordinating their MH preparedness training for this uncommon, but potentially lethal, event. The materials are reviewed/revised every 2-3 years in order to assure they are up-to-date and relevant to our customers' needs. The website offers contact forms for all types of questions and provides answers in 72 hours or less. We provide video clips to augment the answers to frequently asked questions, share references, research and recommendations that are vetted internally and externally. We share links to other companies and organizations with products relevant to our customers, develop prominent visuals and engaging articles and questions for our visitors via Facebook and Twitter regularly on the website's home page. Monthly online webinars designed for healthcare professionals and patients on a rotating basis. They have been very well received and are free to MHAUS members.

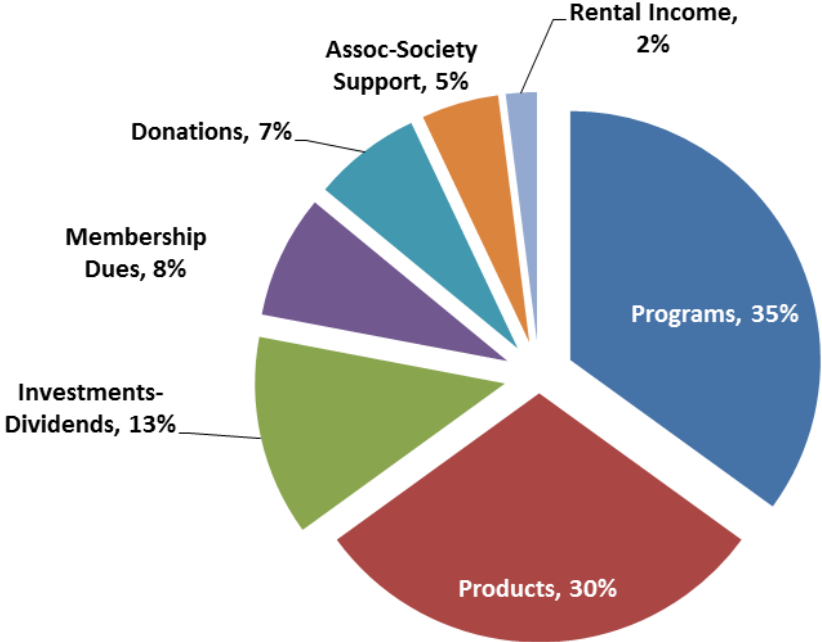
### Accomplishments in Fiscal Year 2017-2018

- Social Media continues to be at the forefront of MHAUS' engagement with our customer base. We are regularly encouraging communication and feedback from website visitors through the Facebook and Twitter options. The level of engagement is growing at a good rate and we continue to come up with creative and new opportunities for our customers to communicate and participate.
- Online webinars designed specifically for healthcare professionals and patients continue to grow in popularity. The percentage of registrations is increasing as is the final percentage of those who actually attend the webinar. We understand sometimes there are interruptions to a day's plan, but the importance of the webinars appears to be growing in our customers' assessment.
- New item in our product line is the MH Cart Cards, designed in house by staff in response to our customers' requests for something they could quickly use as a checklist to assure the cart is appropriately stocked. This item has been very well received.
- American Association of Surgical Physician Assistants (AASPA) has become our newest MHAUS Partner Member.
- Dr. Stan Caroff secured two grants to support focused education on Tardive Dyskinesia. He and other experts presented on the topic and CMEs were provided for those attending.
- The *North American MH Registry of MHAUS* (Registry) now at the *University of Florida-Gainesville* is robust and actively involved within MHAUS. They have taken on the task of developing MH scenarios for the revised MH Mock Drill Kit and are consistently going through the arduous process of transitioning paper reports (often multiple reports) into one report for each patient. This is a painstaking process that will take a few years to complete; even with volunteers handling the entering process.
- The MHAUS Board of Directors continues to search for pharmacy, emergency room healthcare professionals, neurologists and heat stroke expert candidates for board membership in order to attain their invaluable acumen.
- Support from major manufacturers of the malignant hyperthermia antidote, although reduced, is appreciated. The MHAUS membership dues, donations, dedicated family support, and other industry support continue to sustain the organization.
- The board will begin the lengthy process of reviewing by-laws, strategic plan, corporate documents, risk assessment and succession planning in order to assure the organization is prepared for the future with a solid plan and staff in place.

**Breakdown of MHAUS Expenses October 1, 2017 through September 30, 2018**



**Breakdown of MHAUS Income October 1, 2017 through September 30, 2018**



## MHAUS Board, Staff and Financial Summary Page

### 2017-2018 Board of Directors

**President:** Henry Rosenberg, MD, CPE

**Vice President:** Bonnie Denholm, DNP, RN, CNOR

**Vice President – Scientific Development:** Ronald S. Litman, DO

**Vice President – Director, NMSIS:** Stanley Caroff, MD

**Secretary:** Steven Napolitano, Esquire

**Treasurer:** Joseph Tobin, MD

### Board Members

Curt Keller

Kathleen Keller

Debra Merritt, CRNA, MSN

Sheila Muldoon, MD

Sheila Riazzi, MSc, MD, FRCPC

Georgirene Vladutiu, PhD

Stacey Watt, MD

### Professional Advisory Council Chair

Robert T. Dirksen, PhD

### MH Hotline Medical Director

Ronald S. Litman, DO

### North American MH Registry of MHAUS Director

Nikolaus Gravenstein, MD

### MHAUS Staff as of December 2018

Dianne Daugherty, Executive Director

Gloria Artist, MH Hotline Coordinator

Fay Kovack, Fulfillment Coordinator

Tina Roalef, Projects Coordinator

### FY 2017-2018 Statement of Expenses (rounded)

Labor & Benefits	313,856
General & Administration	133,053
Programs	112,156
Products	58,760
Conferences - Meetings	32,267
Website/Social Media	19,839
Grants Awarded	10,500
Membership	3,709

*Does not include all expenses.*

*Various miscellaneous expenses not tallied*